

Baltimore County HIV/AIDS Epidemiological Profile

Fourth Quarter 2012

Data reported through December 31, 2012



Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Bureau

Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene
<http://phpa.dhmf.maryland.gov/oideor/chse>
1-800-358-9001



Baltimore County HIV Diagnoses during 2009-2011 by Census Tract of Residence at Diagnosis, as Reported through 12/31/2012

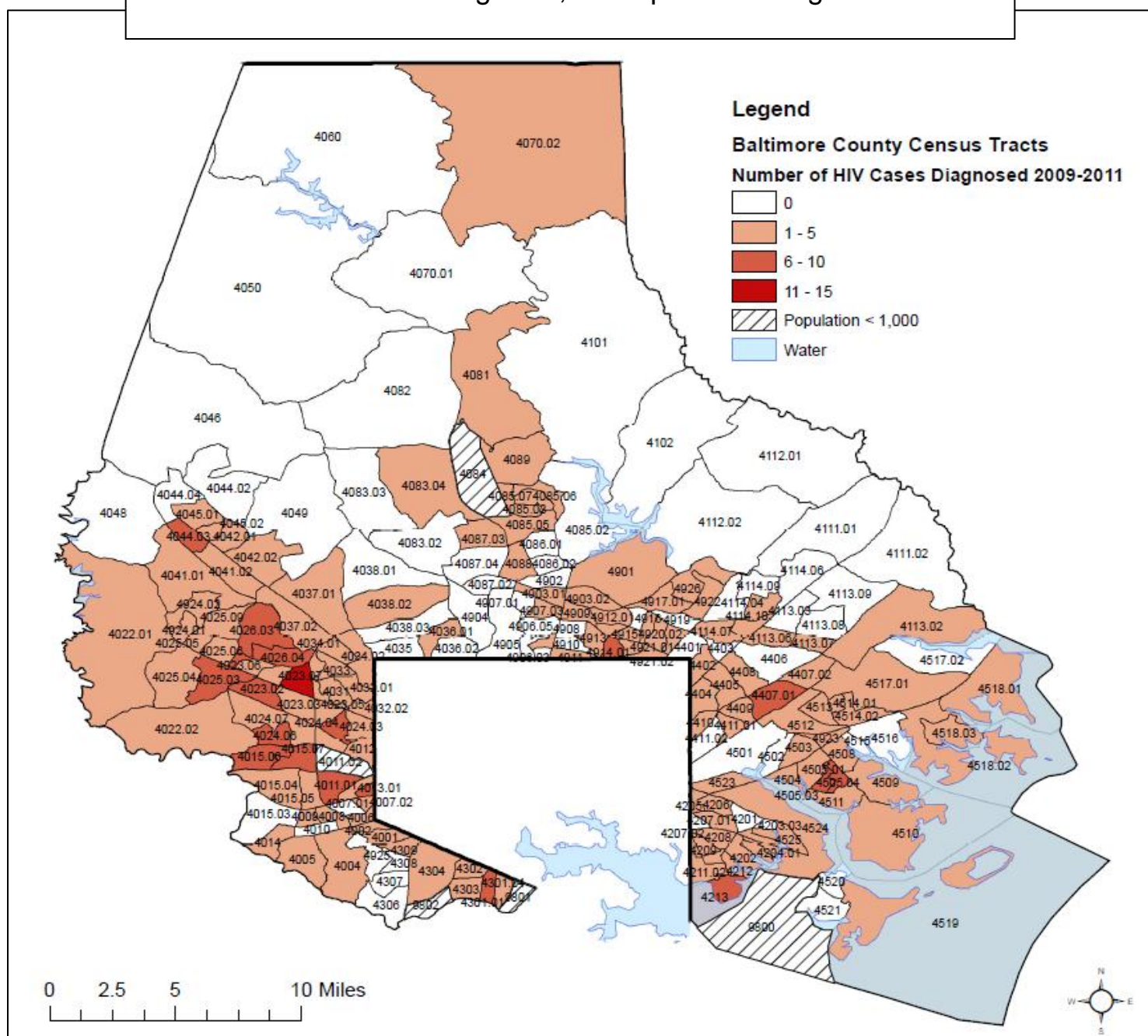


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Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

<http://phpa.dhmmh.maryland.gov/oideor/chse/sitepages/reporting-material.aspx>

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 18% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

For surveillance purposes, a case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, or years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would have been many years after the initial HIV infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2011 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2011-12/31/2011, as reported by name through 12/31/2012.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2011 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2011 as reported by name through 12/31/2012.

Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "in care".

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2012.

Live births are from the Maryland Department of Health and Mental Hygiene's Maryland Vital Statistics Annual Report 2011.

Perinatal exposures and transmissions are from the Maryland Department of Health and Mental Hygiene's Enhanced Perinatal Surveillance System, December 31, 2012.

Population data by sex, age, and race are from the July 1, 2011 U.S. Census Estimates and by country-of-birth from the 2011 American Community Survey (note the difference in total population due to different source). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Tabulation of Column Totals

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

On-line Mapping Tool

Please visit the Maryland Department of Health and Mental Hygiene's website at <http://phpa.dhmf.maryland.gov/oideor/chse> to create your own maps of adult/adolescent HIV rates by jurisdiction of residence, subset them by sex at birth and race/ethnicity, zoom in to the jurisdiction level, plot the locations of HIV testing sites, and print out your custom map.

HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who have sex with men and report injection drug use constitutes a separate transmission category.

MSM (Men who have Sex with Men): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Injection Drug Use (IDU): Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

MSM/IDU: Men who report a history of sexual contact with other men and/or women who also have engaged in injection drug use.

Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

Perinatal Exposure: Any baby born to an HIV positive mother.

Glossary of Terms

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of living cases on December 31st of the specified year.

AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Confirmed Perinatal HIV Transmissions: Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Live Births: Babies born alive in the general population, from Maryland Vital Statistics.

Living HIV Cases with AIDS: Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Living HIV Cases without AIDS: Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median: The measure of central location which divides a set of data into two equal parts.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Percent with AIDS: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2011.

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Perinatal HIV Transmission Rate: Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

Population: Population estimate for 7/1/2011.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Reported Perinatal HIV Exposures: Reported babies born to an HIV positive mother during the specified year.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

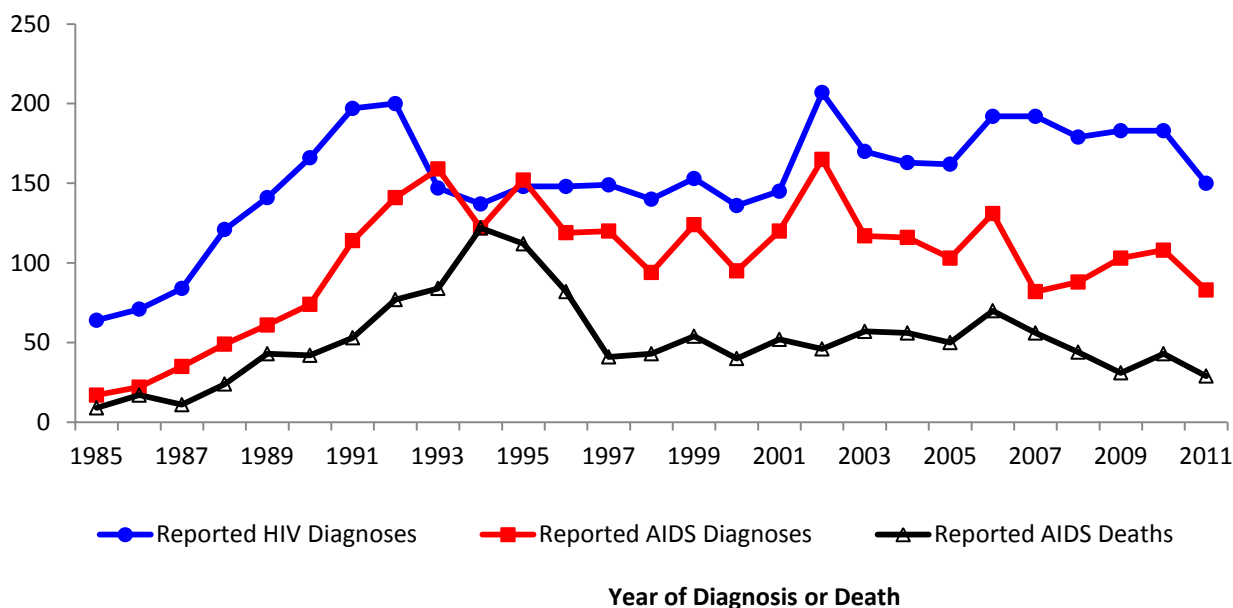
Women of Childbearing Age Total Living HIV cases: Reported HIV diagnoses among women of child bearing age (13-49 years old) on December 31st of the specified year.

Section II – Trends 1985-2011

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2011, Reported through 12/31/2012

Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2011 as Reported through 12/31/2012

Number of Events

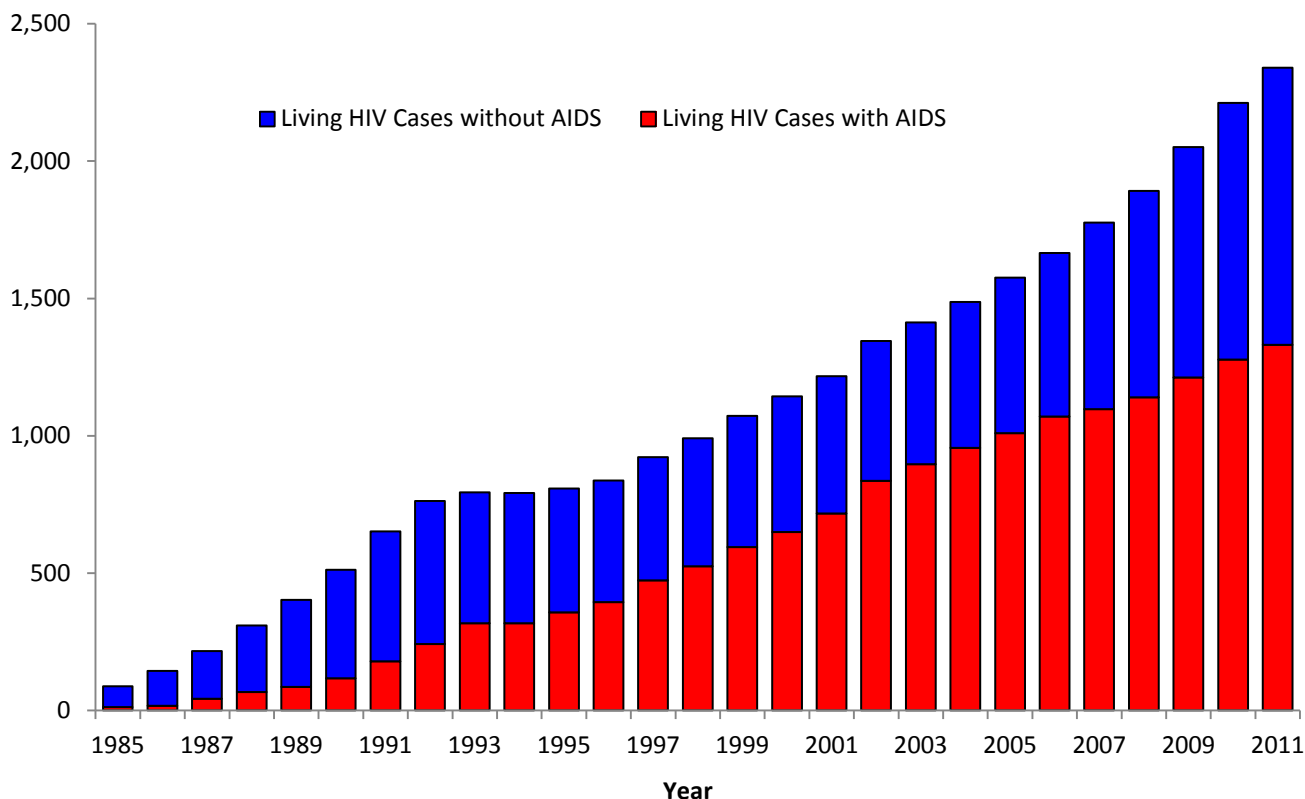


YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	42	8	4	1998	140	94	43
1985	64	17	9	1999	153	124	54
1986	71	22	17	2000	136	95	40
1987	84	35	11	2001	145	120	52
1988	121	49	24	2002	207	165	46
1989	141	61	43	2003	170	117	57
1990	166	74	42	2004	163	116	56
1991	197	114	53	2005	162	103	50
1992	200	141	77	2006	192	131	70
1993	147	159	84	2007	192	82	56
1994	137	122	122	2008	179	88	44
1995	148	152	112	2009	183	103	31
1996	148	119	82	2010	183	108	43
1997	149	120	41	2011	150	83	29
				TOTAL	4,170	2,722	1,392

Figure 2 – Trends in Living HIV Cases, 1985-2011, Reported through 12/31/2012

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2011, as Reported through 12/31/2012

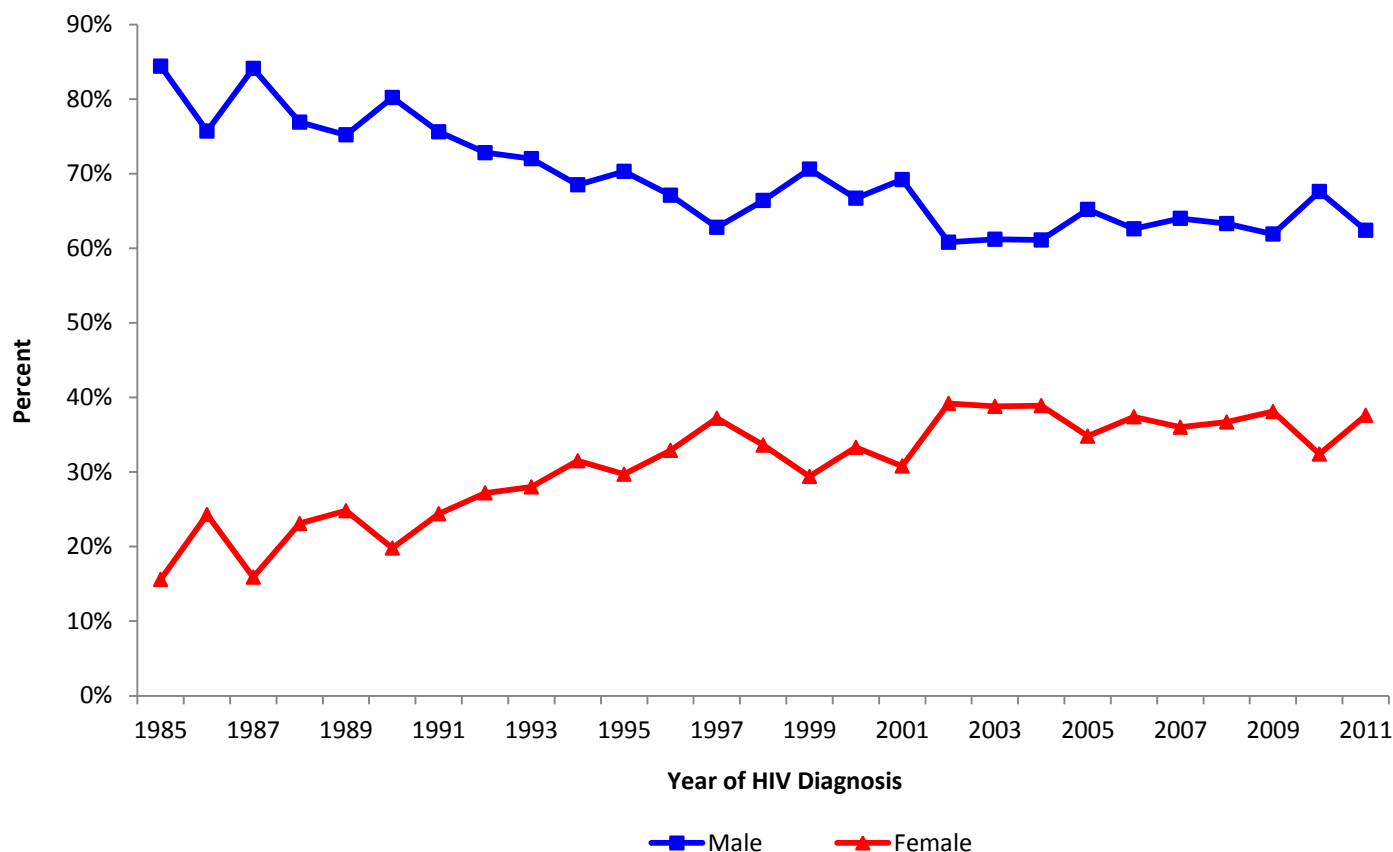
Number of Cases



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	76	12	88	1998	467	524	991
1986	126	17	143	1999	478	594	1,072
1987	174	42	216	2000	494	649	1,143
1988	242	67	309	2001	500	717	1,217
1989	317	85	402	2002	509	836	1,345
1990	395	117	512	2003	516	896	1,412
1991	473	178	651	2004	531	956	1,487
1992	520	242	762	2005	566	1,009	1,575
1993	477	317	794	2006	595	1,070	1,665
1994	474	317	791	2007	680	1,096	1,776
1995	450	357	807	2008	751	1,140	1,891
1996	443	394	837	2009	839	1,212	2,051
1997	449	473	922	2010	934	1,277	2,211
				2011	1,008	1,331	2,339

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2011, Reported through 12/31/2012

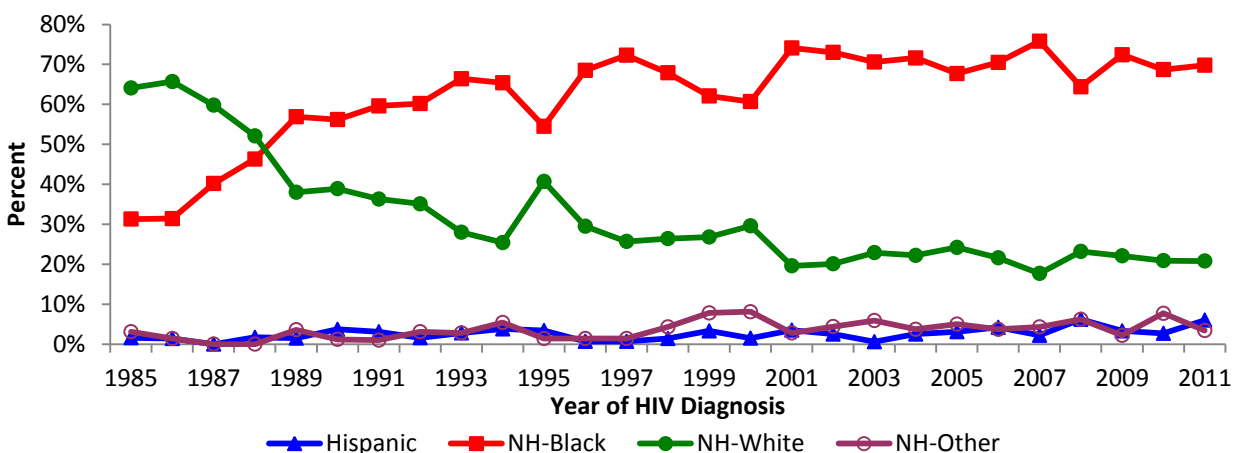
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	41	82.9%	17.1%	1998	140	66.4%	33.6%
1985	64	84.4%	15.6%	1999	153	70.6%	29.4%
1986	70	75.7%	24.3%	2000	135	66.7%	33.3%
1987	82	84.1%	15.9%	2001	143	69.2%	30.8%
1988	121	76.9%	23.1%	2002	204	60.8%	39.2%
1989	137	75.2%	24.8%	2003	170	61.2%	38.8%
1990	162	80.2%	19.8%	2004	162	61.1%	38.9%
1991	193	75.6%	24.4%	2005	161	65.2%	34.8%
1992	191	72.8%	27.2%	2006	190	62.6%	37.4%
1993	143	72.0%	28.0%	2007	186	64.0%	36.0%
1994	130	68.5%	31.5%	2008	177	63.3%	36.7%
1995	145	70.3%	29.7%	2009	181	61.9%	38.1%
1996	146	67.1%	32.9%	2010	182	67.6%	32.4%
1997	148	62.8%	37.2%	2011	149	62.4%	37.6%
				TOTAL	4,106	68.3%	31.7%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2011, Reported through 12/31/2012

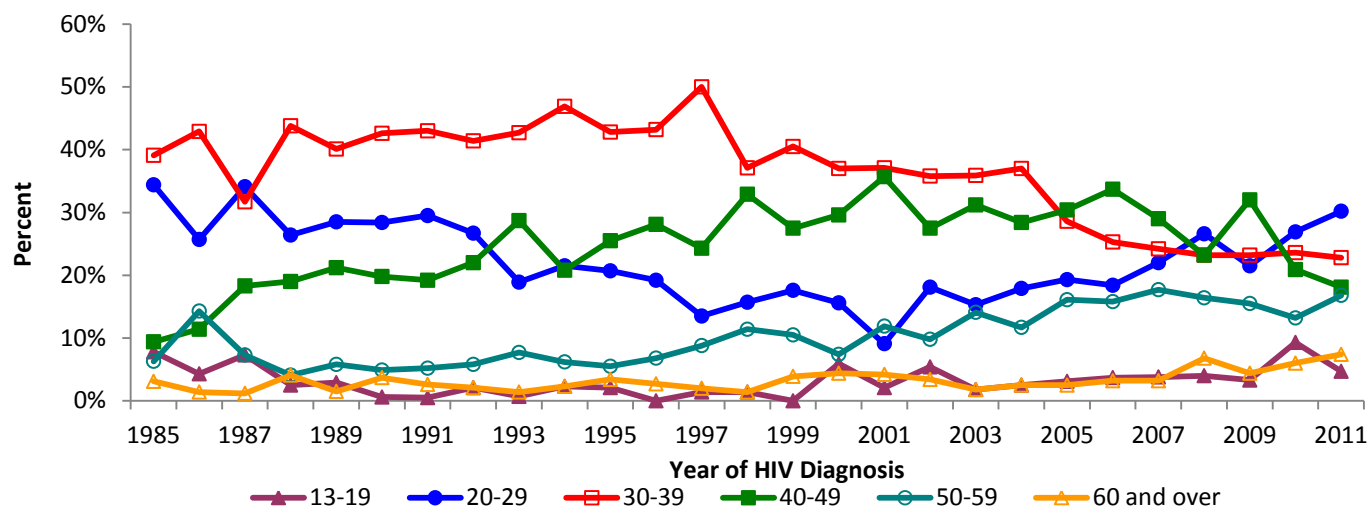
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	41	4.9%	43.9%	43.9%	7.3%
1985	64	1.6%	31.3%	64.1%	3.1%
1986	70	1.4%	31.4%	65.7%	1.4%
1987	82	0.0%	40.2%	59.8%	0.0%
1988	121	1.7%	46.3%	52.1%	0.0%
1989	137	1.5%	56.9%	38.0%	3.6%
1990	162	3.7%	56.2%	38.9%	1.2%
1991	193	3.1%	59.6%	36.3%	1.0%
1992	191	1.6%	60.2%	35.1%	3.1%
1993	143	2.8%	66.4%	28.0%	2.8%
1994	130	3.8%	65.4%	25.4%	5.4%
1995	145	3.4%	54.5%	40.7%	1.4%
1996	146	0.7%	68.5%	29.5%	1.4%
1997	148	0.7%	72.3%	25.7%	1.4%
1998	140	1.4%	67.9%	26.4%	4.3%
1999	153	3.3%	62.1%	26.8%	7.8%
2000	135	1.5%	60.7%	29.6%	8.1%
2001	143	3.5%	74.1%	19.6%	2.8%
2002	204	2.5%	73.0%	20.1%	4.4%
2003	170	0.6%	70.6%	22.9%	5.9%
2004	162	2.5%	71.6%	22.2%	3.7%
2005	161	3.1%	67.7%	24.2%	5.0%
2006	190	4.2%	70.5%	21.6%	3.7%
2007	186	2.2%	75.8%	17.7%	4.3%
2008	177	6.2%	64.4%	23.2%	6.2%
2009	181	3.3%	72.4%	22.1%	2.2%
2010	182	2.7%	68.7%	20.9%	7.7%
2011	149	6.0%	69.8%	20.8%	3.4%
TOTAL	4,106	2.7%	64.2%	29.4%	3.7%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2011, Reported through 12/31/2012

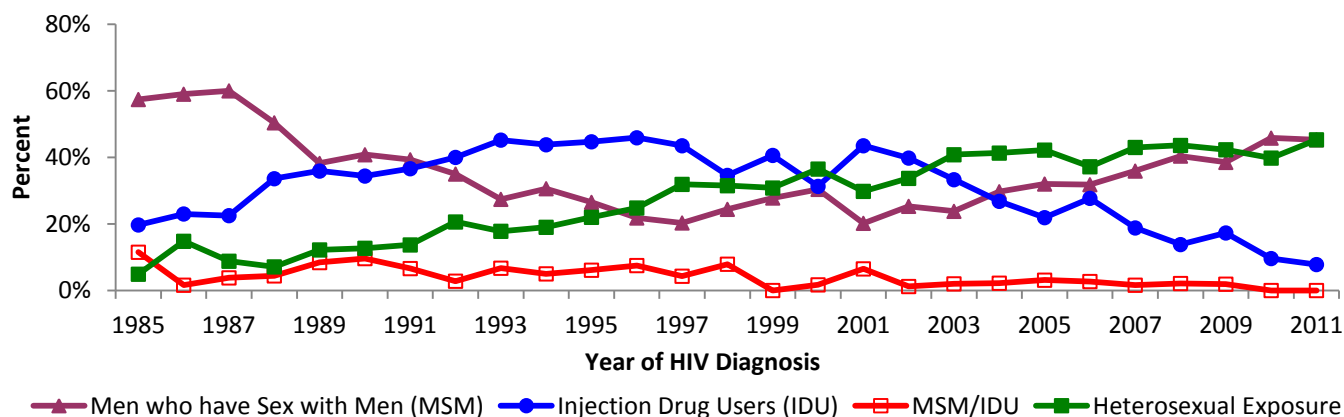
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR OF HIV DIAGNOSIS	Reported Adult/Adolescent HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	41	9.8%	46.3%	22.0%	17.1%	4.9%	0.0%
1985	64	7.8%	34.4%	39.1%	9.4%	6.3%	3.1%
1986	70	4.3%	25.7%	42.9%	11.4%	14.3%	1.4%
1987	82	7.3%	34.1%	31.7%	18.3%	7.3%	1.2%
1988	121	2.5%	26.4%	43.8%	19.0%	4.1%	4.1%
1989	137	2.9%	28.5%	40.1%	21.2%	5.8%	1.5%
1990	162	0.6%	28.4%	42.6%	19.8%	4.9%	3.7%
1991	193	0.5%	29.5%	43.0%	19.2%	5.2%	2.6%
1992	191	2.1%	26.7%	41.4%	22.0%	5.8%	2.1%
1993	143	0.7%	18.9%	42.7%	28.7%	7.7%	1.4%
1994	130	2.3%	21.5%	46.9%	20.8%	6.2%	2.3%
1995	145	2.1%	20.7%	42.8%	25.5%	5.5%	3.4%
1996	146	0.0%	19.2%	43.2%	28.1%	6.8%	2.7%
1997	148	1.4%	13.5%	50.0%	24.3%	8.8%	2.0%
1998	140	1.4%	15.7%	37.1%	32.9%	11.4%	1.4%
1999	153	0.0%	17.6%	40.5%	27.5%	10.5%	3.9%
2000	135	5.9%	15.6%	37.0%	29.6%	7.4%	4.4%
2001	143	2.1%	9.1%	37.1%	35.7%	11.9%	4.2%
2002	204	5.4%	18.1%	35.8%	27.5%	9.8%	3.4%
2003	170	1.8%	15.3%	35.9%	31.2%	14.1%	1.8%
2004	162	2.5%	17.9%	37.0%	28.4%	11.7%	2.5%
2005	161	3.1%	19.3%	28.6%	30.4%	16.1%	2.5%
2006	190	3.7%	18.4%	25.3%	33.7%	15.8%	3.2%
2007	186	3.8%	22.0%	24.2%	29.0%	17.7%	3.2%
2008	177	4.0%	26.6%	23.2%	23.2%	16.4%	6.8%
2009	181	3.3%	21.5%	23.2%	32.0%	15.5%	4.4%
2010	182	9.3%	26.9%	23.6%	20.9%	13.2%	6.0%
2011	149	4.7%	30.2%	22.8%	18.1%	16.8%	7.4%
TOTAL	4,106	3.1%	22.1%	35.6%	25.5%	10.5%	3.3%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2011, Reported through 12/31/2012

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2011, as Reported through 12/31/2012



YEAR	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	41	41	48.8%	26.8%	9.8%	4.9%	9.8%
1985	64	61	57.4%	19.7%	11.5%	4.9%	6.6%
1986	70	61	59.0%	23.0%	1.6%	14.8%	1.6%
1987	82	80	60.0%	22.5%	3.8%	8.8%	5.0%
1988	121	113	50.4%	33.6%	4.4%	7.1%	4.4%
1989	137	131	38.2%	35.9%	8.4%	12.2%	5.3%
1990	162	157	40.8%	34.4%	9.6%	12.7%	2.5%
1991	193	183	39.3%	36.6%	6.6%	13.7%	3.8%
1992	191	180	35.0%	40.0%	2.8%	20.6%	1.7%
1993	143	135	27.4%	45.2%	6.7%	17.8%	3.0%
1994	130	121	30.6%	43.8%	5.0%	19.0%	1.7%
1995	145	132	26.5%	44.7%	6.1%	22.0%	0.8%
1996	146	133	21.8%	45.9%	7.5%	24.8%	0.0%
1997	148	138	20.3%	43.5%	4.3%	31.9%	0.0%
1998	140	127	24.4%	34.6%	7.9%	31.5%	1.6%
1999	153	133	27.8%	40.6%	0.0%	30.8%	0.8%
2000	135	115	30.4%	31.3%	1.7%	36.5%	0.0%
2001	143	124	20.2%	43.5%	6.5%	29.8%	0.0%
2002	204	166	25.3%	39.8%	1.2%	33.7%	0.0%
2003	170	147	23.8%	33.3%	2.0%	40.8%	0.0%
2004	162	138	29.7%	26.8%	2.2%	41.3%	0.0%
2005	161	128	32.0%	21.9%	3.1%	42.2%	0.8%
2006	190	148	31.8%	27.7%	2.7%	37.2%	0.7%
2007	186	128	35.9%	18.8%	1.6%	43.0%	0.8%
2008	177	94	40.4%	13.8%	2.1%	43.6%	0.0%
2009	181	104	38.5%	17.3%	1.9%	42.3%	0.0%
2010	182	83	45.8%	9.6%	0.0%	39.8%	4.8%
2011	149	64	45.3%	7.8%	0.0%	45.3%	1.6%
TOTAL	4,106	3,365	33.8%	32.8%	4.3%	27.5%	1.7%

Section III – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 12/31/2012

ZIP CODE OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late HIV Diagnosis
					No. with Test	% with Test	Median Count		
21013	2,757	0	0	0	--	--	--	--	--
21030	20,884	0	0	0	--	--	--	--	--
21031	3	0	0	0	--	--	--	--	--
21043	775	0	0	0	--	--	--	--	--
21051	245	0	0	0	--	--	--	--	--
21052	273	0	0	0	--	--	--	--	--
21053	2,784	0	0	0	--	--	--	--	--
21057	3,626	0	0	0	--	--	--	--	--
21071	439	0	0	0	--	--	--	--	--
21074	1,196	0	0	0	--	--	--	--	--
21082	537	0	0	0	--	--	--	--	--
21085	22	0	0	0	--	--	--	--	--
21087	4,104	0	0	0	--	--	--	--	--
21093	31,610	1	0.7	3.2	***	***	***	***	***
21102	846	0	0	0	--	--	--	--	--
21104	137	0	0	0	--	--	--	--	--
21105	58	0	0	0	--	--	--	--	--
21111	3,304	0	0	0	--	--	--	--	--
21117	45,126	12	8.1	26.6	12	100.0	436	91.7	16.7
21120	5,892	0	0	0	--	--	--	--	--
21128	10,583	2	1.3	18.9	***	***	***	***	***
21131	6,062	0	0	0	--	--	--	--	--
21133	25,086	11	7.4	43.8	9	81.8	31.8	72.7	18.2
21136	27,287	3	2.0	11.0	***	***	***	***	***
21152	4,662	1	0.7	21.5	***	***	***	***	***
21153	264	0	0	0	--	--	--	--	--
21155	1,799	0	0	0	--	--	--	--	--
21156	321	0	0	0	--	--	--	--	--
21161	2,322	0	0	0	--	--	--	--	--
21162	3,072	1	0.7	32.6	***	***	***	***	***
21163	2,308	0	0	0	--	--	--	--	--
21204	18,379	3	2	16.3	***	***	***	***	***
21206	8,747	0	0	0	--	--	--	--	--
21207	28,622	13	8.7	45.4	8	61.5	363	69.2	30.8
21208	27,927	10	6.7	35.8	9	90.0	378	70.0	10.0
21209	11,702	1	0.7	8.5	***	***	***	***	***
21210	848	0	0	0	--	--	--	--	--
21212	8,695	2	1.3	23	***	***	***	***	***
21215	1,474	1	0.7	67.8	***	***	***	***	***
21219	8,124	1	0.7	12.3	***	***	***	***	***
21220	32,760	9	6	27.5	9	100.0	386	77.8	44.4
21221	35,318	7	4.7	19.8	5	71.4	366	71.4	42.9
21222	45,463	8	5.4	17.6	7	87.5	321	75.0	25.0
21224	7,256	1	0.7	13.8	***	***	***	***	***
21227	27,195	4	2.7	14.7	***	***	***	***	***
21228	40,840	9	6	22	6	66.7	279	66.7	22.2
21229	5,929	3	2	50.6	***	***	***	***	***
21234	53,055	11	7.4	20.7	7	63.6	508	27.3	9.1
21236	32,595	3	2	9.2	***	***	***	***	***
21237	25,312	5	3.4	19.8	***	***	***	***	***

21239	4,325	5	3.4	115.6	***	***	***	***	***
21244	28,300	18	12.1	63.6	16	88.9	310	66.7	33.3
21250	3,225	0	0	0	--	--	--	--	--
21252	2,890	0	0	0	--	--	--	--	--
21286	17,074	4	2.7	23.4	***	***	***	***	***
Total	684,439	149	100	21.8	121	81.2	335	73.2	28.2

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 2 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 12/31/2012

ZIP CODE OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
21013	2,757	0	0.0%	0.0	--	--
21030	20,884	3	3.7%	14.4	***	***
21031	3	0	0.0%	0.0	--	--
21043	775	0	0.0%	0.0	--	--
21051	245	0	0.0%	0.0	--	--
21052	273	0	0.0%	0.0	--	--
21053	2,784	0	0.0%	0.0	--	--
21057	3,626	0	0.0%	0.0	--	--
21071	439	0	0.0%	0.0	--	--
21074	1,196	0	0.0%	0.0	--	--
21082	537	0	0.0%	0.0	--	--
21085	22	0	0.0%	0.0	--	--
21087	4,104	0	0.0%	0.0	--	--
21093	31,610	1	1.2%	3.2	***	***
21102	846	0	0.0%	0.0	--	--
21104	137	0	0.0%	0.0	--	--
21105	58	0	0.0%	0.0	--	--
21111	3,304	0	0.0%	0.0	--	--
21117	45,126	4	4.9%	8.9	***	***
21120	5,892	1	1.2%	17.0	***	***
21128	10,583	1	1.2%	9.4	***	***
21131	6,062	0	0.0%	0.0	--	--
21133	25,086	3	3.7%	12.0	***	***
21136	27,287	1	1.2%	3.7	***	***
21152	4,662	1	1.2%	21.5	***	***
21153	264	0	0.0%	0.0	--	--
21155	1,799	0	0.0%	0.0	--	--
21156	321	0	0.0%	0.0	--	--
21161	2,322	0	0.0%	0.0	--	--
21162	3,072	0	0.0%	0.0	--	--
21163	2,308	0	0.0%	0.0	--	--
21204	18,379	1	1.2%	5.4	***	***
21206	8,747	0	0.0%	0.0	--	--
21207	28,622	10	12.3%	34.9	9.1	40.0%
21208	27,927	2	2.5%	7.2	***	***
21209	11,702	0	0.0%	0.0	--	--
21210	848	0	0.0%	0.0	--	--
21212	8,695	0	0.0%	0.0	--	--
21215	1,474	0	0.0%	0.0	--	--
21219	8,124	0	0.0%	0.0	--	--
21220	32,760	5	6.2%	15.3	4.3	60.0%
21221	35,318	8	9.9%	22.7	3.1	37.5%
21222	45,463	7	8.6%	15.4	4.7	28.6%
21224	7,256	2	2.5%	27.6	***	***
21227	27,195	3	3.7%	11.0	***	***
21228	40,840	3	3.7%	7.3	***	***
21229	5,929	2	2.5%	33.7	***	***

21234	53,055	4	4.9%	7.5	***	***
21236	32,595	3	3.7%	9.2	***	***
21237	25,312	2	2.5%	7.9	***	***
21239	4,325	3	3.7%	69.4	***	***
21244	28,300	9	11.1%	31.8	1.5	66.7%
21250	3,225	0	0.0%	0.0	--	--
21252	2,890	0	0.0%	0.0	--	--
21286	17,074	2	2.5%	11.7	***	***
Total	684,439	81	100.0%	11.8	3.9	53.1%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2011, by Jurisdiction, Reported through 12/31/2012

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
21013	2,757	1	0.1%	36.3	1	0.1%	36.3	2	0.1%	72.5	1,378
21030	20,884	15	1.5%	71.8	33	2.5%	158.0	48	2.1%	229.8	435
21031	3	0	--	--	0	--	--	0	--	--	--
21043	775	0	--	--	0	--	--	0	--	--	--
21051	245	0	--	--	***	***	***	***	***	***	***
21052	273	0	--	--	0	--	--	0	--	--	--
21053	2,784	1	0.1%	35.9	0	--	--	1	0.0%	35.9	2,784
21057	3,626	2	0.2%	55.2	0	--	--	2	0.1%	55.2	1,813
21071	439	0	--	--	0	--	--	0	--	--	--
21074	1,196	0	--	--	0	--	--	0	--	--	--
21082	537	0	--	--	***	***	***	***	***	***	***
21085	22	0	--	--	0	--	--	0	--	--	--
21087	4,104	1	0.1%	24.4	0	--	--	1	0.0%	24.4	4,104
21093	31,610	17	1.7%	53.8	0	--	--	17	0.7%	53.8	1,860
21102	846	0	--	--	0	--	--	0	--	--	--
21104	137	0	--	--	0	--	--	0	--	--	--
21105	58	0	--	--	0	--	--	0	--	--	--
21111	3,304	2	0.2%	60.5	1	0.1%	30.3	3	0.1%	90.8	1,101
21117	45,126	59	6.0%	130.7	76	5.8%	168.4	135	5.9%	299.2	334
21120	5,892	2	0.2%	33.9	2	0.2%	33.9	4	0.2%	67.9	1,473
21128	10,583	4	0.4%	37.8	7	0.5%	66.1	11	0.5%	103.9	962
21131	6,062	2	0.2%	33.0	1	0.1%	16.5	3	0.1%	49.5	2,020
21133	25,086	77	7.9%	306.9	104	7.9%	414.6	181	7.9%	721.5	138
21136	27,287	32	3.3%	117.3	29	2.2%	106.3	61	2.7%	223.5	447
21152	4,662	2	0.2%	42.9	5	0.4%	107.3	7	0.3%	150.2	666
21153	264	0	--	--	0	--	--	0	--	--	--
21155	1,799	1	0.1%	55.6	0	0.0%	0.0	1	0.0%	55.6	1,799
21156	321	0	--	--	0	--	--	0	--	--	--
21161	2,322	0	--	--	1	0.1%	43.1	1	0.0%	43.1	2,322
21162	3,072	2	0.2%	65.1	1	0.1%	32.6	3	0.1%	97.7	1,024
21163	2,308	5	0.5%	216.6	2	0.2%	86.7	7	0.3%	303.3	329
21204	18,379	16	1.6%	87.1	18	1.4%	97.9	34	1.5%	185.0	540
21206	8,747	11	1.1%	125.8	16	1.2%	182.9	27	1.2%	308.7	323
21207	28,622	68	6.9%	237.6	130	9.9%	454.2	198	8.6%	691.8	144
21208	27,927	57	5.8%	204.1	62	4.7%	222.0	119	5.2%	426.1	234
21209	11,702	5	0.5%	42.7	9	0.7%	76.9	14	0.6%	119.6	835
21210	848	0	--	--	0	--	--	0	--	--	--
21212	8,695	6	0.6%	69.0	0	--	--	6	0.3%	69.0	1,450
21215	1,474	6	0.6%	407.1	0	--	--	6	0.3%	407.1	246
21219	8,124	5	0.5%	61.5	14	1.1%	172.3	19	0.8%	233.9	427
21220	32,760	53	5.4%	161.8	51	3.9%	155.7	104	4.5%	317.5	315
21221	35,318	76	7.8%	215.2	101	7.7%	286.0	177	7.7%	501.2	199
21222	45,463	68	6.9%	149.6	102	7.7%	224.4	170	7.4%	373.9	267
21224	7,256	6	0.6%	82.7	14	1.1%	192.9	20	0.9%	275.6	362
21227	27,195	29	3.0%	106.6	65	4.9%	239.0	94	4.1%	345.7	289
21228	40,840	41	4.2%	100.4	71	5.4%	173.8	112	4.9%	274.2	364

21229	5,929	9	0.9%	151.8	13	1.0%	219.3	22	1.0%	371.1	269
21234	53,055	89	9.1%	167.8	95	7.2%	179.1	184	8.0%	346.8	288
21236	32,595	23	2.3%	70.6	31	2.4%	95.1	54	2.4%	165.7	603
21237	25,312	38	3.9%	150.1	51	3.9%	201.5	89	3.9%	351.6	284
21239	4,325	6	0.6%	138.7	8	0.6%	185.0	14	0.6%	323.7	308
21244	28,300	119	12.2%	420.5	133	10.1%	470.0	252	11.0%	890.5	112
21250	3,225	0	--	--	0	--	--	0	--	--	--
21252	2,890	0	--	--	0	--	--	0	--	--	--
21286	17,074	16	1.6%	93.7	23	1.7%	134.7	39	1.7%	228.4	437
Unknown	--	7	0.7%	--	10	0.8%	--	17	0.7%	--	--
TOTAL	684,439	979	100.0%	143.0	1,317	100.0%	192.4	2,296	100.0%	335.5	298

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, Reported through 12/31/2012

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
21013	2	***	***	***	***	***	***	***
21030	48	20	41.7%	418	5.0%	30.0%	30.0%	35.0%
21031	0	--	--	--	--	--	--	--
21043	0	--	--	--	--	--	--	--
21051	***	***	***	***	***	***	***	***
21052	0	--	--	--	--	--	--	--
21053	4	***	***	***	***	***	***	***
21057	2	***	***	***	***	***	***	***
21071	0	--	--	--	--	--	--	--
21074	0	--	--	--	--	--	--	--
21082	***	***	***	***	***	***	***	***
21085	0	--	--	--	--	--	--	--
21087	2	***	***	***	***	***	***	***
21093	35	13	37.1%	411	30.8%	7.7%	23.1%	38.5%
21102	0	--	--	--	--	--	--	--
21104	0	--	--	--	--	--	--	--
21105	0	--	--	--	--	--	--	--
21111	3	***	***	***	***	***	***	***
21117	135	53	39.3%	505	13.2%	18.9%	17.0%	50.9%
21120	4	***	***	***	***	***	***	***
21128	11	***	***	***	***	***	***	***
21131	3	***	***	***	***	***	***	***
21133	181	66	36.5%	515	13.6%	21.2%	13.6%	51.5%
21136	61	24	39.3%	525	8.3%	8.3%	29.2%	54.2%
21152	7	5	71.4%	400	0.0%	40.0%	20.0%	40.0%
21153	0	--	--	--	--	--	--	--
21155	1	***	***	***	***	***	***	***
21156	0	--	--	--	--	--	--	--
21161	1	***	***	***	***	***	***	***
21162	3	***	***	***	***	***	***	***
21163	7	***	***	***	***	***	***	***
21204	34	15	44.1%	468	13.3%	20.0%	20.0%	46.7%
21206	27	11	40.7%	586	9.1%	9.1%	9.1%	72.7%
21207	198	97	49.0%	456	20.6%	19.6%	19.6%	40.2%
21208	119	56	47.1%	434	12.5%	23.2%	19.6%	44.6%
21209	14	5	35.7%	376	0.0%	40.0%	20.0%	40.0%
21210	0	--	--	--	--	--	--	--
21212	12	***	***	***	***	***	***	***
21215	13	7	53.8%	575	14.3%	0.0%	28.6%	57.1%
21219	19	7	36.8%	218	42.9%	28.6%	0.0%	28.6%
21220	104	44	42.3%	410	22.7%	15.9%	22.7%	38.6%
21221	177	76	42.9%	413	18.4%	21.1%	21.1%	39.5%
21222	170	90	52.9%	510	17.8%	12.2%	20.0%	50.0%
21224	20	11	55.0%	194	54.5%	0.0%	27.3%	18.2%
21227	94	54	57.4%	396	22.2%	20.4%	16.7%	40.7%
21228	112	55	49.1%	438	14.5%	18.2%	21.8%	45.5%
21229	22	14	63.6%	339	21.4%	28.6%	28.6%	21.4%

21234	184	86	46.7%	505	15.1%	14.0%	20.9%	50.0%
21236	54	25	46.3%	396	12.0%	32.0%	32.0%	24.0%
21237	89	45	50.6%	436	17.8%	26.7%	22.2%	33.3%
21239	14	9	64.3%	323	22.2%	33.3%	22.2%	22.2%
21244	252	109	43.3%	505	13.8%	16.5%	18.3%	51.4%
21250	0	--	--	--	--	--	--	--
21252	0	--	--	--	--	--	--	--
21286	39	21	53.8%	498	14.3%	14.3%	23.8%	47.6%
Unknown	17	7	41.2%	292	28.6%	42.9%	0.0%	28.6%
TOTAL	2,296	1,047	45.6%	452	16.7%	19.2%	20.1%	44.0%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Jurisdiction, Reported through 12/31/2012

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
21013	2	***	***	***	***
21030	48	21	43.8%	81.0%	7,252
21031	0	--	--	--	--
21043	0	--	--	--	--
21051	***	***	***	***	***
21052	0	--	--	--	--
21053	4	***	***	***	***
21057	2	***	***	***	***
21071	0	--	--	--	--
21074	0	--	--	--	--
21082	***	***	***	***	***
21085	0	--	--	--	--
21087	2	***	***	***	***
21093	35	11	31.4%	72.7%	5,700
21102	0	--	--	--	--
21104	0	--	--	--	--
21105	0	--	--	--	--
21111	3	***	***	***	***
21117	135	54	40.0%	68.5%	16,109
21120	4	***	***	***	***
21128	11	***	***	***	***
21131	3	***	***	***	***
21133	181	53	29.3%	67.9%	8,691
21136	61	23	37.7%	69.6%	17,355
21152	7	5	71.4%	80.0%	920
21153	0	--	--	--	--
21155	1	***	***	***	***
21156	0	--	--	--	--
21161	1	***	***	***	***
21162	3	***	***	***	***
21163	7	***	***	***	***
21204	34	14	41.2%	92.9%	131,872
21206	27	11	40.7%	100.0%	--
21207	198	85	42.9%	65.9%	24,000
21208	119	53	44.5%	58.5%	15,888
21209	14	***	***	***	***
21210	0	--	--	--	--
21212	12	***	***	***	***
21215	13	8	61.5%	75.0%	230,700
21219	19	7	36.8%	71.4%	39,232
21220	104	36	34.6%	58.3%	39,270
21221	177	63	35.6%	73.0%	8,229
21222	170	83	48.8%	69.9%	17,221
21224	20	9	45.0%	55.6%	12,793
21227	94	46	48.9%	63.0%	9,638

21228	112	51	45.5%	74.5%	5,630
21229	22	11	50.0%	54.5%	14,290
21234	184	85	46.2%	67.1%	5,490
21236	54	22	40.7%	86.4%	145,346
21237	89	41	46.1%	73.2%	12,401
21239	14	9	64.3%	88.9%	68,679
21244	252	107	42.5%	68.2%	6,574
21250	0	--	--	--	--
21252	0	--	--	--	--
21286	39	18	46.2%	77.8%	9,615
Unknown	17	***	***	***	***
TOTAL	2,296	955	41.6%	69.8%	12,296

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

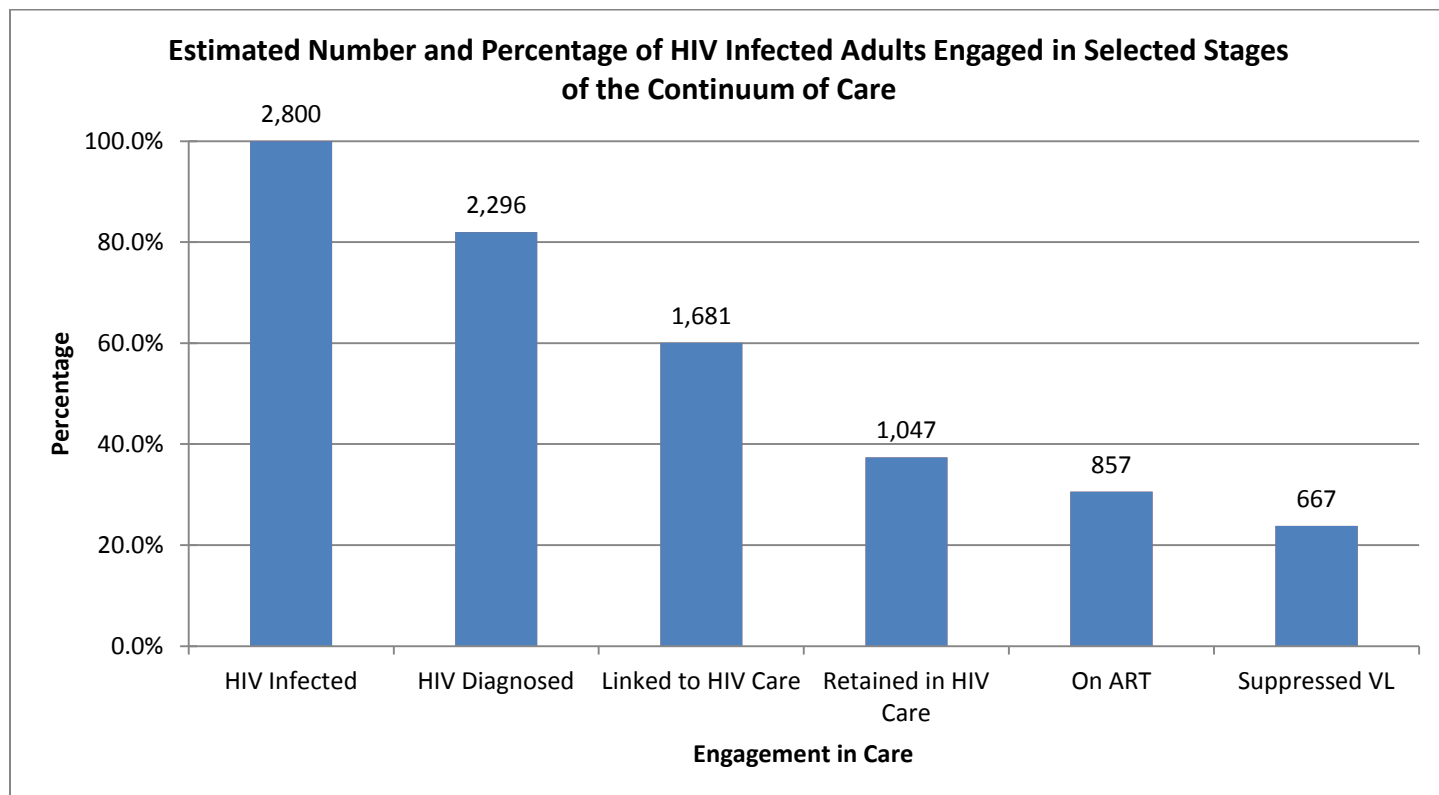
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

Figure 7 – Estimated Adult/Adolescent 2011 HIV Continuum of Care, Reported through 12/31/2012

In their 2011 article in Clinical Infectious Diseases, Gardner et al. utilize a continuum of care “cascade” to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The Maryland Engagement in HIV Care Cascade (below) uses the national estimate of the number of undiagnosed persons (18%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	2,800	100.0%
HIV Diagnosed	2,296	82.0%
Linked to HIV Care	1,681	60.0%
Retained in HIV Care	1,047	37.4%
On ART	857	30.6%
Suppressed VL	667	23.8%

HIV Infected: HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (18%).

HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.

Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Section IV – Cases by Age

Table 6 – HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2012

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
<5 (Pediatric)	48,668	1	0.7%	2.1	***	***	***	***	***
5-12 (Pediatric)	76,836	0	--	--	--	--	--	--	--
13-19	74,046	7	4.7%	9.5	***	***	***	***	***
20-29	114,053	45	30.0%	39.5	37	82.2%	383	68.9%	20.0%
30-39	99,260	34	22.7%	34.3	31	91.2%	320	76.5%	38.2%
40-49	110,956	27	18.0%	24.3	20	74.1%	255	70.4%	29.6%
50-59	117,646	25	16.7%	21.3	19	76.0%	321	76.0%	24.0%
60+	168,476	11	7.3%	6.5	8	72.7%	357	63.6%	36.4%
TOTAL	809,941	150	100.0%	18.5	122	81.3%	338	73.3%	28.7%

*** Data withheld due to low population counts and/or case counts

Table 7 – AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2012

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	48,668	1	1.2%	2.1	***	***
5-12 (Pediatric)	76,836	0	--	--	--	--
13-19	74,046	2	2.4%	2.7	***	***
20-29	114,053	19	22.9%	16.7	2.1	47.4%
30-39	99,260	24	28.9%	24.2	3.9	54.2%
40-49	110,956	17	20.5%	15.3	3.0	52.9%
50-59	117,646	15	18.1%	12.8	7.4	46.7%
60+	168,476	5	6.0%	3.0	3.9	80.0%
TOTAL	809,941	83	100.0%	10.2	3.9	53.0%

*** Data withheld due to low population counts and/or case counts

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Population: Population estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Table 8 – HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012

AGE ON 12/31/2011	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5 (Pediatric)	48,668	3	0.3%	6.2	1	0.1%	2.1	4	0.2%	8.2	12,167
5-12 (Pediatric)	76,836	5	0.5%	6.5	0	0.0%	0.0	5	0.2%	6.5	15,367
13-19	74,046	25	2.5%	33.8	5	0.4%	6.8	30	1.3%	40.5	2,468
20-29	114,053	204	20.2%	178.9	66	5.0%	57.9	270	11.5%	236.7	422
30-39	99,260	212	21.0%	213.6	202	15.2%	203.5	414	17.7%	417.1	239
40-49	110,956	276	27.4%	248.7	511	38.4%	460.5	787	33.6%	709.3	140
50-59	117,646	212	21.0%	180.2	378	28.4%	321.3	590	25.2%	501.5	199
60+	168,476	71	7.0%	42.1	168	12.6%	99.7	239	10.2%	141.9	704
TOTAL	809,941	1,008	100.0%	124.5	1,331	100.0%	164.3	2,339	100.0%	288.8	346

Age on [date]: Age group of living cases on December 31st of the specified year.

Population: Population estimate for 7/1/2011.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012

AGE ON 12/31/2011	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	10	6	60.0%	346	0.0%	66.7%	16.7%	16.7%
20-29	257	131	51.0%	501	12.2%	16.0%	21.4%	50.4%
30-39	413	175	42.4%	424	16.6%	20.0%	28.0%	35.4%
40-49	787	336	42.7%	468	17.9%	16.7%	20.2%	45.2%
50-59	590	295	50.0%	428	19.7%	21.0%	15.3%	44.1%
60+	239	104	43.5%	465	11.5%	22.1%	18.3%	48.1%
TOTAL	2,296	1,047	45.6%	452	16.7%	19.2%	20.1%	44.0%

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2011, by Age on 12/31/2011, Reported through 12/31/2012

AGE ON 12/31/2011	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	10	8	80.0%	12.5%	29,965
20-29	257	130	50.6%	43.8%	12,478
30-39	413	158	38.3%	68.4%	15,773
40-49	787	318	40.4%	75.8%	14,450
50-59	590	252	42.7%	70.6%	8,379
60+	239	89	37.2%	92.1%	751
TOTAL	2,296	955	41.6%	69.8%	12,296

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age on [date]: Age group of living cases on December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2012

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
Male	319,193	93	62.4%	29.1	75	80.6%	351	71.0%	28.0%
Female	365,246	56	37.6%	15.3	46	82.1%	274	76.8%	28.6%
TOTAL	684,439	149	100.0%	21.8	121	81.2%	335	73.2%	28.2%

RACE/ETHNICITY	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
Hispanic	26,478	9	6.0%	34.0	9	100.0%	230	88.9%	33.3%
Non-Hispanic	657,961	140	94.0%	21.3	112	80.0%	338	72.1%	27.9%
American Indian/ Alaska Native, only	1,755	0	--	--	--	--	--	--	--
Asian, only	34,324	2	1.3%	5.8	***	***	***	***	***
Black, only	172,066	104	69.8%	60.4	81	77.9%	341	69.2%	26.9%
Native Hawaiian/Other Pacific Islander, only	263	0	--	--	--	--	--	--	--
White, only	440,112	31	20.8%	7.0	26	83.9%	356	77.4%	25.8%
Multiracial/Other	9,441	3	2.0%	31.8	***	***	***	***	***
TOTAL	684,439	149	100.0%	21.8	121	81.2%	335	73.2%	28.2%

COUNTRY OF BIRTH	Population Age 13+ **	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	First CD4 Test Result			% Linked to Care	% Late Diagnosis
					No. with Test	% with Test	Median Count		
United States	594,980	117	78.5%	19.7	90	76.9%	377	65.8%	23.9%
Foreign-born	83,742	7	4.7%	8.4	7	100.0%	34	100.0%	85.7%
Africa	--	6	4.0%	--	***	***	***	***	***
Asia	--	1	0.7%	--	***	***	***	***	***
Caribbean	--	0	--	--	--	--	--	--	--
Central America	--	0	--	--	--	--	--	--	--
Other	--	0	--	--	--	--	--	--	--
Unknown	--	25	16.8%	--	24	96.0%	252	100.0%	32.0%
TOTAL	678,722	149	100.0%	22.0	121	81.2%	335	73.2%	28.2%

* Population data by sex at birth, age, and race/ethnicity are from the 2011 U.S. Census

** Population data by country of birth are from the 2011 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 12 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2012

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	319,193	52	64.2%	16.3	3.7	53.8%
Female	365,246	29	35.8%	7.9	4.2	51.7%
TOTAL	684,439	81	100.0%	11.8	3.9	53.1%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	26,478	4	4.9%	15.1	***	***
Non-Hispanic	657,961	77	95.1%	11.7	4.1	50.6%
American Indian/ Alaska Native, only	1,755	0	--	--	--	--
Asian, only	34,324	3	3.7%	8.7	***	***
Black, only	172,066	60	74.1%	34.9	4.6	46.7%
Native Hawaiian/Other Pacific Islander, only	263	0	--	--	--	--
White, only	440,112	12	14.8%	2.7	2.3	58.3%
Multiracial/Other	9,441	2	2.5%	21.2	***	***
TOTAL	684,439	81	100.0%	11.8	3.9	53.1%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	594,980	64	79.0%	10.8	4.4	45.3%
Foreign-born	83,742	7	8.6%	8.4	1.4	85.7%
Africa	--	6	7.4%	--	1.6	83.3%
Asia	--	1	1.2%	--	***	***
Caribbean	--	0	--	--	--	--
Central America	--	0	--	--	--	--
Other	--	0	--	--	--	--
Unknown	--	10	12.3%	--	2.0	80.0%
TOTAL	678,722	81	100.0%	11.9	3.9	53.1%

* Population data by sex at birth, age, and race/ethnicity are from the 2011 U.S. Census

** Population data by country of birth are from the 2011 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	319,193	606	61.9%	189.9	875	66.4%	274.1	1,481	64.5%	464.0	215
Female	365,246	373	38.1%	102.1	442	33.6%	121.0	815	35.5%	223.1	448
Total	684,439	979	100.0%	143.0	1,317	100.0%	192.4	2,296	100.0%	335.5	298

RACE/ ETHNICITY	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	26,478	28	2.9%	105.7	48	3.6%	181.3	76	3.3%	287.0	348
Non-Hispanic	657,961	951	97.1%	144.5	1,269	96.4%	192.9	2,220	96.7%	337.4	296
American Indian/Alaska Native, only	1,755	***	***	***	***	***	***	***	***	***	***
Asian, only	34,324	9	0.9%	26.2	4	0.3%	11.7	13	0.6%	37.9	2,640
Black, only	172,066	661	67.5%	384.2	851	64.6%	494.6	1,512	65.9%	878.7	113
Native Hawaiian/ Other Pacific Islander, only	263	***	***	***	***	***	***	***	***	***	***
White, only	440,112	250	25.5%	56.8	336	25.5%	76.3	586	25.5%	133.1	751
Multiracial/Other	9,441	30	3.1%	317.8	75	5.7%	794.4	105	4.6%	1,112.2	89
TOTAL	684,439	979	100.0%	143.0	1,317	100.0%	192.4	2,296	100.0%	335.5	298

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	594,980	907	92.6%	152.4	1,202	91.3%	202.0	2,109	91.9%	354.5	282
Foreign-born	83,742	30	3.1%	35.8	87	6.6%	103.9	117	5.1%	139.7	715
Africa	--	21	2.1%	--	55	4.2%	--	76	3.3%	--	--
Asia	--	0	--	--	8	0.6%	--	8	0.3%	--	--
Caribbean	--	2	0.2%	--	7	0.5%	--	9	0.4%	--	--
Central America	--	2	0.2%	--	4	0.3%	--	6	0.3%	--	--
Other	--	5	0.5%	--	13	1.0%	--	18	0.8%	--	--
Unknown	--	42	4.3%	--	28	2.1%	--	70	3.0%	--	--
TOTAL	678,722	979	100.0%	144.2	1,317	100.0%	194.0	2,296	100.0%	338.3	295

* Population data by sex at birth, age, and race/ethnicity are from the 2011 U.S. Census

** Population data by country of birth are from the 2011 American Community Survey

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2011.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 14 –Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	1,481	676	45.6%	432	17.2%	20.7%	20.4%	41.7%
Female	815	371	45.5%	484	15.9%	16.4%	19.4%	48.2%
TOTAL	2,296	1,047	45.6%	452	16.7%	19.2%	20.1%	44.0%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	76	39	51.3%	457	15.4%	23.1%	20.5%	41.0%
Non-Hispanic	2,220	1,008	45.4%	452	16.8%	19.0%	20.0%	44.1%
American Indian/ Alaska Native, only	1	***	***	***	***	***	***	***
Asian, only	13	7	53.8%	565	14.3%	14.3%	14.3%	57.1%
Black, only	1,512	693	45.8%	458	15.6%	19.2%	20.6%	44.6%
Native Hawaiian/Other Pacific Islander, only	3	***	***	***	***	***	***	***
White, only	586	248	42.3%	460	17.3%	17.7%	19.4%	45.6%
Multiracial/Other	105	60	57.1%	342	28.3%	***23.3%	16.7%	31.7%
TOTAL	2,296	1,047	45.6%	452	16.7%	19.2%	20.1%	44.0%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	2,109	951	45.1%	458	17.0%	18.6%	19.6%	44.8%
Foreign-born	117	50	42.7%	459	10.0%	22.0%	26.0%	42.0%
Africa	76	38	50.0%	468	13.2%	15.8%	28.9%	42.1%
Asia	8	***	***	***	***	***	***	***
Caribbean	9	5	55.6%	363	0.0%	40.0%	20.0%	40.0%
Central America	6	***	***	***	***	***	***	***
Other	18	***	***	***	***	***	***	***
Unknown	70	46	65.7%	380	17.4%	28.3%	23.9%	30.4%
TOTAL	2,296	1,047	45.6%	452	16.7%	19.2%	20.1%	44.0%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	1,481	616	41.6%	71.8%	15,250
Female	815	339	41.6%	66.4%	7,966
TOTAL	2,296	955	41.6%	69.8%	12,296

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	76	35	46.1%	74.3%	10,900
Non-Hispanic	2,220	920	41.4%	69.7%	12,401
American Indian/ Alaska Native, only	1	***	***	***	***
Asian, only	13	6	46.2%	66.7%	17,666
Black, only	1,512	624	41.3%	67.0%	11,081
Native Hawaiian/ Other Pacific Islander, only	3	***	***	***	***
White, only	586	233	39.8%	76.4%	12,478
Multiracial/Other	105	55	52.4%	70.9%	27,762
TOTAL	2,296	955	41.6%	69.8%	12,296

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	2,109	860	40.8%	70.1%	11,029
Foreign-born	117	45	38.5%	75.6%	14,910
Africa	76	35	46.1%	77.1%	10,428
Asia	8	***	***	***	***
Caribbean	9	***	***	***	***
Central America	6	***	***	***	***
Other	18	2	11.1%	***	***
Unknown	70	50	71.4%	60.0%	15,110
TOTAL	2,296	955	41.6%	69.8%	12,296

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

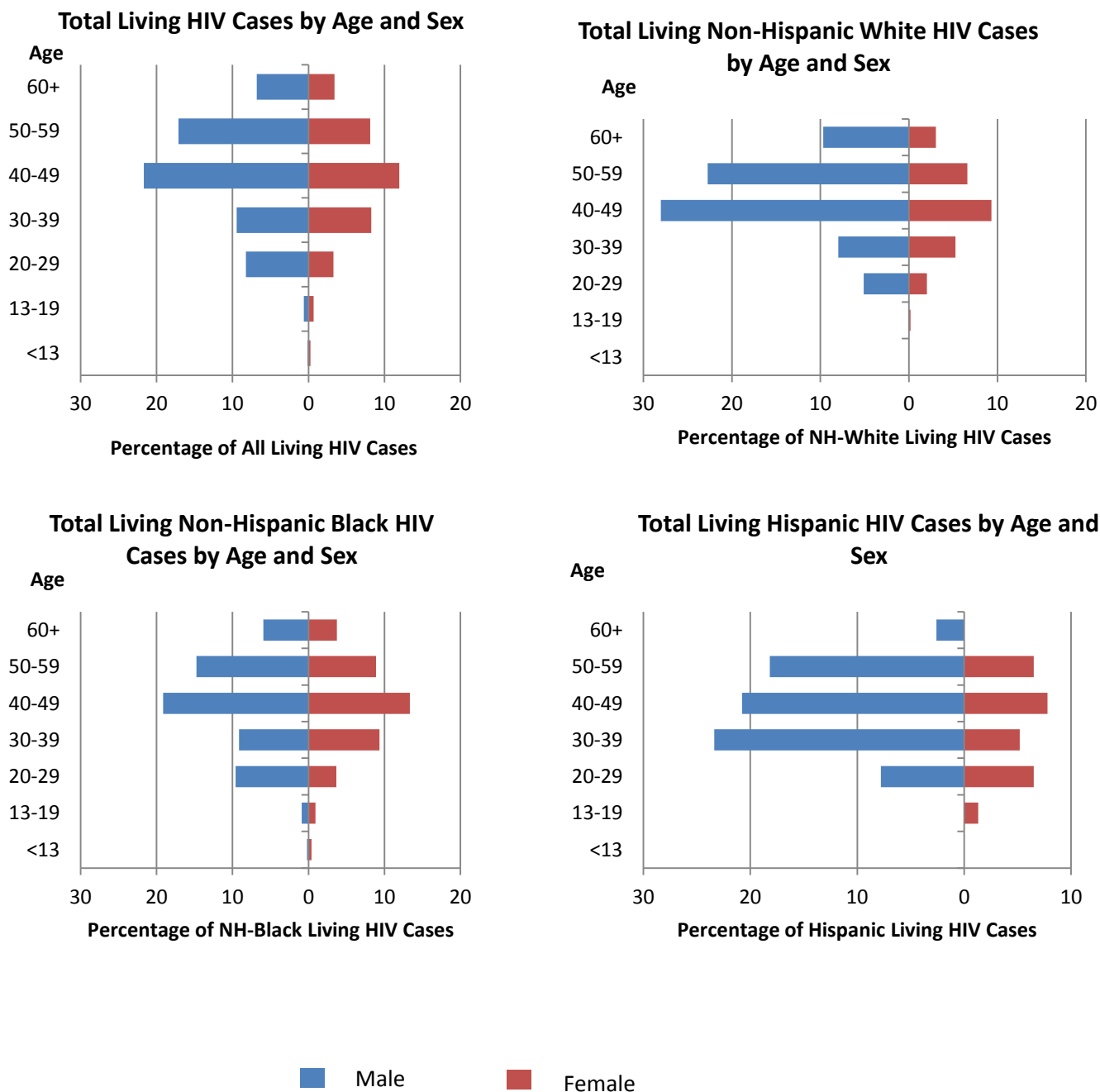
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater

Section VI – HIV Cases by Expanded Demographics

Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/12



Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012

MALES						
AGE ON 12/31/2011		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	4,649	20,132	31,836	7,213	63,830
	Cases	0	3	0	0	3
	Rate	--	14.9	--	--	4.7
	Ratio (1 in X)	--	6,710	--	--	21,276
13-19	Population	1,988	11,803	20,395	3,134	37,319
	Cases	0	14	0	0	14
	Rate	--	118.6	--	--	37.5
	Ratio (1 in X)	--	843	--	--	2,665
20-29	Population	3,872	14,855	32,154	4,480	55,361
	Cases	***	***	***	***	193
	Rate	155.0	1,003.0	93.3	178.6	348.6
	Ratio (1 in X)	645	99	1,071	560	286
30-39	Population	3,757	12,686	26,034	4,739	47,216
	Cases	18	142	47	14	221
	Rate	479.1	1,119.3	180.5	295.4	468.1
	Ratio (1 in X)	208	89	553	338	213
40-49	Population	2,201	13,767	32,639	3,692	52,299
	Cases	16	297	165	29	507
	Rate	726.9	2,157.3	505.5	785.5	969.4
	Ratio (1 in X)	137	46	197	127	103
50-59	Population	1,180	11,259	39,955	2,784	55,178
	Cases	14	229	134	23	400
	Rate	1,186.4	2,033.9	335.4	826.1	724.9
	Ratio (1 in X)	84	49	298	121	137
60+	Population	946	10,843	57,028	3,002	71,819
	Cases	***	92	57	***	159
	Rate	***	848.5	100.0	***	221.4
	Ratio (1 in X)	***	117	1,000	***	451
TOTAL MALES BY RACE/ ETHNICITY	Population	18,593	95,345	240,041	29,044	383,023
	Cases	56	926	433	82	1,497
	Rate	301.2	971.2	180.4	282.3	390.8
	Ratio (1 in X)	332	102	554	354	255

Age on [date]: Age group of living cases on December 31st of the specified year.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012

FEMALES						
AGE ON 12/31/2011		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic, Other Race	
<13 (Pediatric)	Population	4,504	19,711	30,495	6,964	61,674
	Cases	0	6	0	0	6
	Rate	--	30.4	--	--	9.7
	Ratio (1 in X)	--	3,285	--	--	10,279
13-19	Population	1,814	11,962	19,818	3,133	36,727
	Cases	1	14	1	0	16
	Rate	55.1	117.0	5.0	--	43.6
	Ratio (1 in X)	1,814	854	19,818	--	2,295
20-29	Population	3,205	17,708	32,795	4,984	58,692
	Cases	5	57	12	3	77
	Rate	156.0	321.9	36.6	60.2	131.2
	Ratio (1 in X)	641	310	2,732	1,661	762
30-39	Population	3,048	16,919	26,692	5,385	52,044
	Cases	4	145	31	13	193
	Rate	131.2	857.0	116.1	241.4	370.8
	Ratio (1 in X)	762	116	861	414	269
40-49	Population	2,038	17,856	34,768	3,995	58,657
	Cases	6	207	55	12	280
	Rate	294.4	1,159.3	158.2	300.4	477.4
	Ratio (1 in X)	339	86	632	332	209
50-59	Population	1,220	15,420	42,759	3,069	62,468
	Cases	5	138	39	8	190
	Rate	409.8	894.9	91.2	260.7	304.2
	Ratio (1 in X)	244	111	1,096	383	328
60+	Population	1,209	16,988	75,073	3,387	96,657
	Cases	0	58	18	4	80
	Rate	--	341.4	24.0	118.1	82.8
	Ratio (1 in X)	--	292	4,170	846	1,208
TOTAL FEMALES BY RACE/ ETHNICITY	Population	17,038	116,564	262,400	30,917	426,919
	Cases	21	625	156	40	842
	Rate	123.3	536.2	59.5	129.4	197.2
	Ratio (1 in X)	811	186	1,682	772	507

Age on [date]: Age group of living cases on December 31st of the specified year.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2011.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Diagnoses during 2011, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	64	100.0%	90.6%	381	81.3%	25.0%
Men who have Sex with Men (MSM)	29	45.3%	89.7%	443	79.3%	17.2%
Injection Drug Users (IDU)	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	--	--	--	--	--
Heterosexual Exposure (HET)	29	45.3%	93.1%	324	89.7%	31.0%
Other Exposures	***	***	***	***	***	***
No Reported Exposure	85		74.1%	250	67.1%	30.6%
TOTAL	149		81.2%	335	73.2%	28.2%

MALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	44	100.0%	88.6%	425	79.5%	22.7%
Men who have Sex with Men (MSM)	29	65.9%	89.7%	443	79.3%	17.2%
Injection Drug Users (IDU)	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	--	--	--	--	--
Heterosexual Exposure (HET)	11	25.0%	90.9%	344	100.0%	36.4%
Other Exposures	***	***	***	***	***	***
No Reported Exposure	49		73.5%	253	63.3%	32.7%
TOTAL	93		80.6%	351	71.0%	28.0%

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses					
	No.	% of Total with Exposure	First CD4 Test Result		% Linked to Care	% Late Diagnosis
			% with Test	Median Count		
With Exposure	20	100.0%	95.0%	279	85.0%	30.0%
Injection Drug Users (IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	18	90.0%	94.4%	279	83.3%	27.8%
Other Exposures	***	***	***	***	***	***
No Reported Exposure	36		75.0%	249	72.2%	27.8%
TOTAL	56		82.1%	274	76.8%	28.6%

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 19 – Adult/Adolescent AIDS Diagnoses during 2011, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	46	100.0%	5.6	34.8%
Men who have Sex with Men (MSM)	15	32.6%	7.5	26.7%
Injection Drug Users (IDU)	10	21.7%	7.2	20.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	--	--	--
Heterosexual Exposure (HET)	19	41.3%	3.8	47.4%
Other Exposures	2	4.3%	0.6	50.0%
No Reported Exposure	35		1.6	77.1%
TOTAL	81		3.9	53.1%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	29	100.0%	6.0	31.0%
Men who have Sex with Men (MSM)	15	51.7%	7.5	26.7%
Injection Drug Users (IDU)	6	20.7%	7.7	16.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	--	--	--
Heterosexual Exposure (HET)	7	24.1%	1.9	57.1%
Other Exposures	1	3.4%	1.1	0.0%
No Reported Exposure	23		0.8	82.6%
TOTAL	52		3.7	53.8%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	17	100.0%	5.0	41.2%
Injection Drug Users (IDU)	4	23.5%	***	***
Heterosexual Exposure (HET)	12	70.6%	5.0	41.7%
Other Exposures	1	5.9%	***	***
No Reported Exposure	12		3.0	66.7%
TOTAL	29		4.2	51.7%

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	649	100.0%	1,089	100.0%	1,738	100.0%
Men who have Sex with Men (MSM)	257	39.6%	352	32.3%	609	35.0%
Injection Drug Users (IDU)	122	18.8%	299	27.5%	421	24.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	14	2.2%	48	4.4%	62	3.6%
Heterosexual Exposure (HET)	253	39.0%	381	35.0%	634	36.5%
Other Exposures	3	0.5%	9	0.8%	12	0.7%
No Reported Exposure*	330		228		558	
TOTAL	979		1,317		2,296	

MALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	418	100.0%	724	100.0%	1,142	100.0%
Men who have Sex with Men (MSM)	257	61.5%	352	48.6%	609	53.3%
Injection Drug Users (IDU)	72	17.2%	178	24.6%	250	21.9%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	14	3.3%	48	6.6%	62	5.4%
Heterosexual Exposure (HET)	73	17.5%	140	19.3%	213	18.7%
Other Exposures	2	0.5%	6	0.8%	8	0.7%
No Reported Exposure	188		151		339	
TOTAL	606		875		1,481	

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Total Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	231	100.0%	365	100.0%	596	100.0%
Injection Drug Users (IDU)	50	21.6%	121	33.2%	171	28.7%
Heterosexual Exposure (HET)	180	77.9%	241	66.0%	421	70.6%
Other Exposures	1	0.4%	3	0.8%	4	0.7%
No Reported Exposure*	142		77		219	
TOTAL	373		442		815	

* Includes 6 HIV cases with AIDS with Presumed Female Heterosexual exposure

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	53	100.0%	1,129	100.0%	453	100.0%
Men who have Sex with Men (MSM)	23	43.4%	332	29.4%	216	47.7%
Injection Drug Users (IDU)	11	20.8%	269	23.8%	111	24.5%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	41	3.6%	16	3.5%
Heterosexual Exposure (HET)	18	34.0%	479	42.4%	107	23.6%
Other Exposures	0	--	8	0.7%	***	***
No Reported Exposure*	23		383		133	
TOTAL	76		1,512		586	

MALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	41	100.0%	700	100.0%	332	100.0%
Men who have Sex with Men (MSM)	23	56.1%	332	47.4%	216	65.1%
Injection Drug Users (IDU)	8	19.5%	172	24.6%	53	16.0%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	41	5.9%	16	4.8%
Heterosexual Exposure (HET)	9	22.0%	149	21.3%	45	13.6%
Other Exposures	0	--	6	0.9%	***	***
No Reported Exposure	15		212		99	
TOTAL	56		912		431	

FEMALES EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	12	100.0%	429	100.0%	121	100.0%
Injection Drug Users (IDU)	***	***	97	22.6%	58	47.9%
Heterosexual Exposure (HET)	9	75.0%	330	76.9%	62	51.2%
Other Exposures	0	--	***	***	***	***
No Reported Exposure*	8		171		34	
TOTAL	20		600		155	

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
With Exposure	1,738	811	46.7%	465	16.3%	18.0%	20.1%	45.6%
Men who have Sex with Men (MSM)	609	275	45.2%	507	11.6%	18.2%	17.8%	52.4%
Injection Drug Users (IDU)	421	213	50.6%	410	23.5%	18.8%	20.7%	37.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	62	33	53.2%	462	12.1%	21.2%	30.3%	36.4%
Heterosexual Exposure (HET)	634	284	44.8%	475	15.5%	16.9%	20.8%	46.8%
Other Exposures	12	6	50.0%	356	33.3%	16.7%	16.7%	33.3%
No Reported Exposure*	558	236	42.3%	414	18.2%	23.3%	19.9%	38.6%
TOTAL	2,296	1,047	45.6%	452	16.7%	19.2%	20.1%	44.0%

* Includes 6 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2011 and Reported through 12/31/2012

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
With Exposure	1,738	731	42.1%	72.1%	10,191
Men who have Sex with Men (MSM)	609	252	41.4%	74.2%	17,500
Injection Drug Users (IDU)	421	191	45.4%	75.4%	8,418
Men who have Sex with Men and Inject Drugs (MSM/IDU)	62	31	50.0%	64.5%	5,813
Heterosexual Exposure (HET)	634	253	39.9%	69.2%	9,312
Other Exposures	12	4	33.3%	25.0%	5,630
No Reported Exposure*	558	224	40.1%	62.5%	13,958
TOTAL	2,296	955	41.6%	69.8%	12,296

* Includes 6 cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

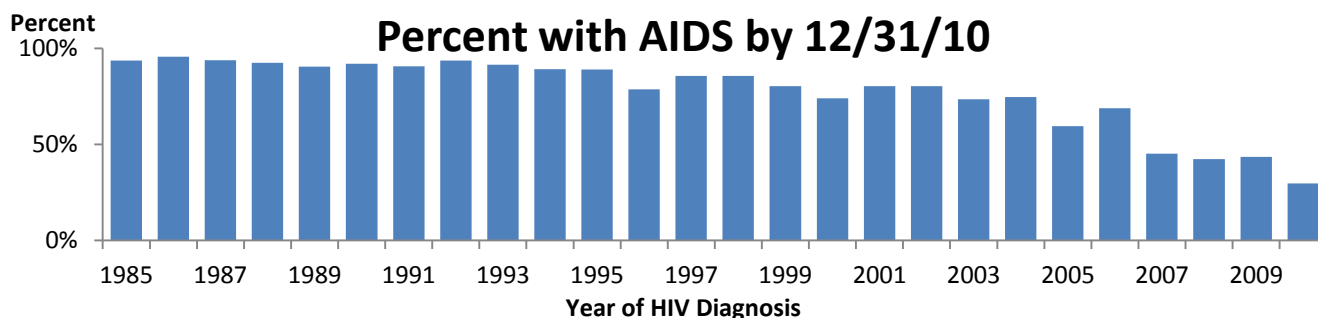
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 400 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 400 copies per milliliter or greater.

Section VIII – Disease Progression and Mortality

Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2010

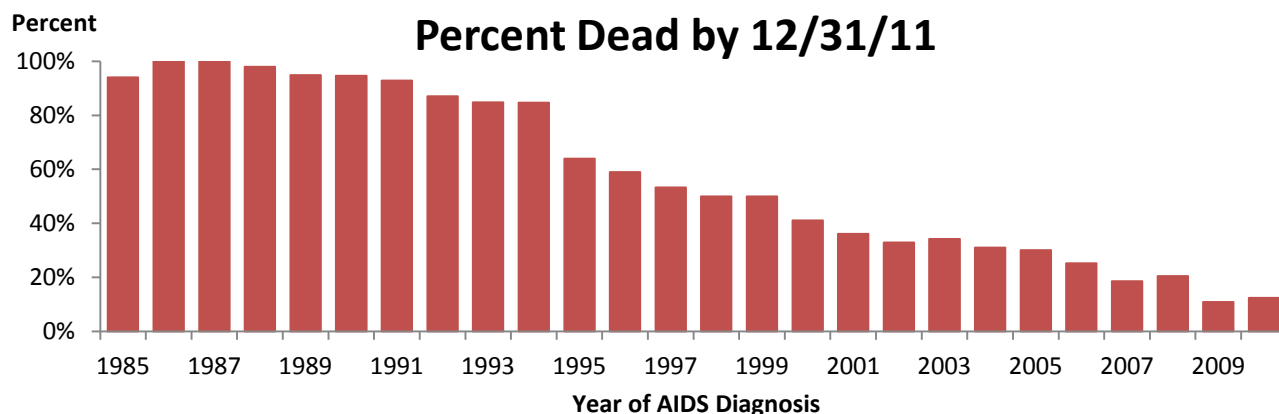
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/10 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2012 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2012, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2011



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	41	38	92.7%	8.1	24.4%	24.4%	26.8%	58.5%
1985	64	60	93.8%	6.0	31.3%	31.3%	39.1%	76.6%
1986	70	67	95.7%	5.5	35.7%	35.7%	45.7%	82.9%
1987	82	77	93.9%	4.1	36.6%	40.2%	57.3%	87.8%
1988	121	112	92.6%	3.8	43.8%	44.6%	64.5%	84.3%
1989	137	124	90.5%	3.7	40.1%	44.5%	63.5%	82.5%
1990	162	149	92.0%	2.3	45.7%	54.3%	81.5%	89.5%
1991	193	175	90.7%	2.8	48.7%	57.0%	73.6%	81.3%
1992	191	179	93.7%	2.5	49.7%	59.7%	77.0%	88.0%
1993	143	131	91.6%	2.1	53.1%	60.1%	77.6%	89.5%
1994	130	116	89.2%	2.3	50.8%	57.7%	73.8%	86.2%
1995	145	129	89.0%	2.1	55.9%	60.7%	74.5%	85.5%
1996	146	115	78.8%	1.0	63.7%	67.1%	71.9%	77.4%
1997	148	127	85.8%	1.9	58.1%	59.5%	70.9%	83.1%
1998	140	120	85.7%	1.5	59.3%	64.3%	75.7%	84.3%
1999	153	123	80.4%	1.5	58.8%	60.8%	71.2%	77.8%
2000	135	100	74.1%	1.5	52.6%	55.6%	64.4%	74.1%
2001	143	115	80.4%	0.9	61.5%	68.5%	75.5%	80.4%
2002	204	164	80.4%	0.8	66.2%	70.1%	76.5%	80.4%
2003	170	125	73.5%	0.6	61.2%	65.9%	70.0%	--
2004	162	121	74.7%	0.6	62.3%	66.7%	72.8%	--
2005	161	96	59.6%	0.7	49.1%	50.9%	57.8%	--
2006	190	131	68.9%	0.2	62.6%	65.8%	68.9%	--
2007	186	84	45.2%	0.5	37.6%	39.8%	--	--
2008	177	75	42.4%	0.6	35.6%	36.2%	--	--
2009	181	79	43.6%	0.4	37.6%	40.3%	--	--
2010	182	54	29.7%	0.3	26.4%	--	--	--
TOTAL	3,957	2,986	75.5%	2.0	50.0%	54.1%	64.3%	72.5%

Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2010

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/10 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2012 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2012, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2010, as Reported by Name through 12/31/2012

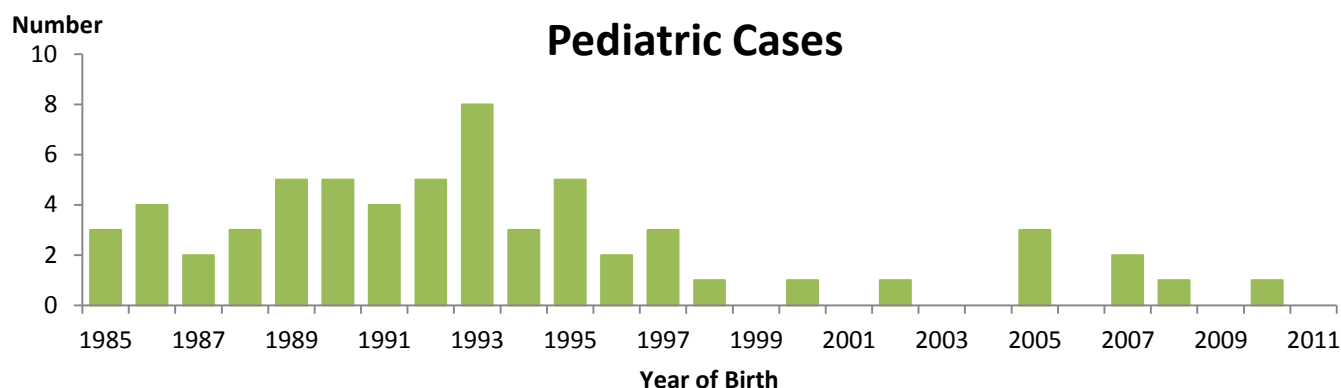


YEAR OF AIDS DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	8	8	100.0%	3.0	50.0%	25.0%	12.5%	12.5%
1985	17	16	94.1%	0.7	35.3%	5.9%	5.9%	5.9%
1986	22	22	100.0%	2.1	54.5%	40.9%	13.6%	0.0%
1987	35	35	100.0%	3.2	74.3%	45.7%	11.4%	8.6%
1988	49	48	98.0%	2.4	57.1%	40.8%	14.3%	4.1%
1989	59	56	94.9%	2.6	64.4%	42.4%	18.6%	8.5%
1990	74	70	94.6%	2.6	71.6%	51.4%	18.9%	9.5%
1991	113	105	92.9%	2.6	67.3%	47.8%	15.9%	12.4%
1992	139	121	87.1%	2.1	74.1%	49.6%	17.3%	13.7%
1993	158	134	84.8%	2.7	79.7%	50.6%	27.8%	19.0%
1994	118	100	84.7%	3.7	75.4%	56.8%	39.0%	23.7%
1995	150	96	64.0%	4.3	78.0%	66.7%	57.3%	46.7%
1996	117	69	59.0%	4.4	84.6%	77.8%	59.8%	49.6%
1997	120	64	53.3%	3.8	84.2%	79.2%	64.2%	50.0%
1998	94	47	50.0%	4.2	89.4%	80.9%	70.2%	54.3%
1999	124	62	50.0%	4.4	91.1%	83.1%	72.6%	50.8%
2000	95	39	41.1%	2.9	87.4%	82.1%	65.3%	60.0%
2001	119	43	36.1%	2.7	91.6%	82.4%	68.9%	63.9%
2002	164	54	32.9%	3.9	92.7%	90.2%	77.4%	67.7%
2003	117	40	34.2%	2.4	83.8%	81.2%	71.8%	--
2004	116	36	31.0%	2.9	91.4%	89.7%	76.7%	--
2005	103	31	30.1%	1.9	87.4%	82.5%	72.8%	--
2006	131	33	25.2%	1.5	85.5%	82.4%	75.6%	--
2007	81	15	18.5%	0.7	86.4%	82.7%	--	--
2008	88	18	20.5%	0.7	86.4%	83.0%	--	--
2009	102	11	10.8%	0.8	92.2%	91.2%	--	--
2010	105	13	12.4%	0.5	89.5%	--	--	--
TOTAL	2,618	1,386	52.9%	3.0	82.5%	72.1%	57.3%	49.7%

Section IX – Pediatric Cases

Figure 11 – Trends in Pediatric HIV Cases, 1985-2011

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2011, as Reported by Name through 12/31/2012



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	2	1	1	0	--
1985	3	0	0	0	0
1986	4	1	0	0	1
1987	2	2	2	0	1
1988	3	0	0	1	1
1989	5	4	3	2	2
1990	5	4	1	1	5
1991	4	4	2	0	8
1992	5	9	3	0	16
1993	8	4	1	1	19
1994	3	7	4	2	24
1995	5	3	2	1	26
1996	2	2	2	1	27
1997	3	1	0	0	28
1998	1	0	1	0	27
1999	0	0	1	0	26
2000	1	1	0	0	27
2001	0	2	0	0	30
2002	1	3	2	0	32
2003	0	0	1	0	31
2004	0	1	1	0	31
2005	3	1	0	0	32
2006	0	2	0	1	34
2007	2	6	0	0	41
2008	1	2	1	0	42
2009	0	2	2	1	43
2010	1	1	3	1	43
2011	0	1	2	0	43
TOTAL	64	64	35	12	--

Table 24 – Pediatric HIV Diagnoses during 2011 and Pediatric Total Living HIV Cases by Jurisdiction, Alive on 12/31/2011 and Reported through 12/31/2012

JURISDICTION AT DIAGNOSIS	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
21117	0	0.0%	2	4.7%
21133	0	0.0%	5	11.6%
21136	0	0.0%	1	2.3%
21207	0	0.0%	10	23.3%
21208	1	100.0%	3	7.0%
21215	0	0.0%	1	2.3%
21219	0	0.0%	1	2.3%
21221	0	0.0%	3	7.0%
21222	0	0.0%	6	14.0%
21224	0	0.0%	1	2.3%
21227	0	0.0%	1	2.3%
21228	0	0.0%	2	4.7%
21234	0	0.0%	4	9.3%
21237	0	0.0%	1	2.3%
21244	0	0.0%	2	4.7%
COUNTY TOTAL	1	100.0%	43	100.0%

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 25 – Pediatric HIV Diagnosis during 2011 and Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2011 and Reported through 12/31/2012

SEX AT BIRTH	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Male	0	0.0%	16	37.2%
Female	1	100.0%	27	62.8%
TOTAL	1	100.0%	43	100.0%

RACE/ETHNICITY	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Hispanic	0	0.0%	1	2.3%
Non-Hispanic	1	100.0%	42	97.7%
American Indian/ Alaska Native, only	0	0.0%	0	0.0%
Asian, only	0	0.0%	0	0.0%
Black, only	1	100.0%	39	90.7%
Native Hawaiian/Other Pacific Islander, only	0	0.0%	0	0.0%
White, only	0	0.0%	3	7.0%
Multiracial/Other	0	0.0%	0	0.0%
TOTAL	1	100.0%	43	100.0%

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.